

Technical Data

Jotun Inhibitive Oil



Product description

Jotun Inhibitive Oil is a clear varnish based on petroleum resin.

Recommended use

As temporary protection primer for lubricating oil tanks and fuel oil tanks, especially protecting of interior tanks during vessel construction.

Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry (µm)	20	30	25
Film thickness, wet (µm)	40	60	50
Theoretical spreading rate (m ² /l)	25	16,7	20

Physical properties

Colour	Clear
Solids (vol %)*	50 ± 2
Flash point	38°C ± 2 (Setaflash)
VOC	418 gms/ltr UK-PG6/23(97). Appendix 3
Gloss	Glossy

*Measured according to ISO 3233:1998 (E)

Surface preparation

All surfaces should be clean, dry and free from contamination. The surface should be assessed and treated in accordance with ISO 8504.

Bare steel

Cleanliness: Blast-cleaning to Sa 2½ (ISO-8501-1:2007). Power tool cleaning to min. St 2 (ISO 8501-1:2007) may be acceptable, subject to exposure conditions.

Shopprimed steel

Intact, well cleaned shopprimer. Welds and spot repairs: Power tool cleaning to min. St 2-3 (ISO 8501-1:2007). Improved surface treatment with blastcleaning to Sa 2½ or sandwashing will improve the performance.

Other surfaces

The coating may be used on other substrates. Please contact your local Jotun office for more information.

Condition during application

The temperature of the substrate should be minimum 5°C and at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. Good ventilation is required in confined areas to ensure correct drying.

Application methods

Spray	Use airless spray or conventional spray
Brush	Recommended
Roller	Recommended

Application data

Mixing ratio (volume)	Single pack
Thinner/Cleaner	Jotun Thinner No. 2
Guiding data airless spray	
Pressure at nozzle	15 MPa (150 kp/cm ² , 2100 psi)
Nozzle tip	0.38-0.53 mm (0.011-0.015")
Spray angle	40-80°

Drying time

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

- * Good ventilation (Outdoor exposure or free circulation of air)
- * Typical film thickness
- * One coat on top of inert substrate

Substrate temperature	5°C	10°C	23°C	40°C
Surface dry ¹	30 min	20 min	10 min	5 min
Through dry ²	3.5 h	3 h	2 h	1.5 h
Dry to recoat, minimum ³	3.5 h	3 h	2 h	1.5 h
Dry to recoat, maximum ⁴				

1. Evaluated according to BS 3900 Part C2.
1. Evaluated according to BS 3900 Part C3.
2. Recommended data given for recoating with the same generic type of paint.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

Typical paint system

Jotun Inhibitive Oil **1 x 25 microns** **(Dry Film Thickness)**

Other systems may be specified, depending on area of use

Storage

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

Handling

Handle with care. Stir well before use.

Packing size

5 litre and 20 litre container.

Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

Jotun is a World Wide company with factories, sales offices and stocks in more than 50 countries. For your nearest local Jotun address please contact the nearest regional office or visit our website at www.jotun.com

ISSUED 6 DECEMBER 2007 BY JOTUN
THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED